

CLAIMS

1. An acrylic elastomer composition comprising an acrylic elastomer (A), and a polyorganosiloxane-containing graft polymer (B).

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2. The acrylic elastomer composition according to claim 1, comprising 50 to 98 percent by weight of the acrylic elastomer (A), and 50 to 2 percent by weight of the polyorganosiloxane-containing graft polymer (B).

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3. The acrylic elastomer composition according to claim 1 or 2, wherein the acrylic elastomer (A) is an acrylic rubber.

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4. The acrylic elastomer composition according to any one of claims 1 to 3, wherein the acrylic rubber contains 0.01 to 20 percent by weight of a crosslinkable monomer unit on the basis of the entirety of the acrylic rubber.

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5. The acrylic elastomer composition according to any one of claims 1 to 4, further comprising 0.005 to 10 parts by weight of a crosslinking agent on the basis of a total of 100 parts by weight of the acrylic rubber and the polyorganosiloxane-containing graft polymer (B).

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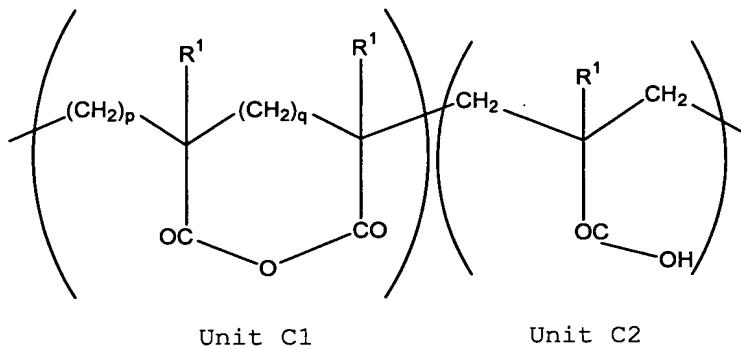
6. The acrylic elastomer composition according to
claim 1 or 2, wherein the acrylic elastomer (A) is an
acrylic block copolymer comprising:

(a) an acrylic polymer block; and

5 (b) a methacrylic polymer block.

7. The acrylic elastomer composition according to any
one of claims 1, 2 and 6, wherein the acrylic block
copolymers contains a unit (c1) having an acid anhydride
10 group and/or a unit (c2) having a carboxyl group represented
by formula (1):

Formula (1):



15 (wherein R¹ each represent a hydrogen atom or a methyl group
and may be the same or different, p represents an integer of
0 or 1, and q represents an integer of 0 to 3).

8. The acrylic elastomer composition according to any

one of claims 1, 2, 6 and 7, wherein the acrylic block copolymer contains 0.1 to 50 percent by weight of the unit (c2) containing a carboxyl group on the basis of the entirety of the acrylic block copolymer.

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9. The acrylic elastomer composition according to any one of claims 1, 2, 6, 7, and 8, wherein the acrylic block copolymer contains 40 to 90 percent by weight of the acrylic polymer block (a) and 60 to 10 percent by weight of the 10 methacrylic polymer block (b) on the basis of the entirety of the acrylic block copolymer.

10. The acrylic elastomer composition according to any one of claims 1, 2, 6, 7, 8 and 9, wherein the acrylic 15 polymer block (a) contains 50 to 100 percent by weight of a unit containing at least one selected from the group consisting of n-butyl acrylate, ethyl acrylate, and 2-methoxyethyl acrylate, and 0 to 50 percent by weight of a unit containing an another acrylate and/or another vinyl 20 monomer copolymerizable therewith.

11. The acrylic elastomer composition according to claim 10, wherein the acrylic polymer block (a) contains 5 percent by weight to 90 percent by weight of 2-methoxyethyl 25 acrylate, 5 percent by weight to 90 percent by weight of n-

butyl acrylate, 5 percent by weight to 90 percent by weight of ethyl acrylate.

12. The acrylic elastomer composition according to any
5 one of claims 1, 2, 6, 7, 8, 9, 10, and 11, wherein the
acrylic block copolymer is produced by atom transfer radical
polymerization.

13. The acrylic elastomer composition according to any
10 one of claims 1 to 12, wherein the polyorganosiloxane-
containing graft polymer (B) comprises 5 to 40 percent by
weight of a graft component, and 95 to 60 percent by weight
of a poly organosiloxane.

15 14. The acrylic elastomer composition according to any
one of claims 1 to 13, wherein the graft component of the
polyorganosiloxane-containing graft polymer (B) contains 5
to 99.5 percent by weight of an alkyl methacrylate, and 95
to 0.5 percent by weight of an alkyl acrylate on the basis
20 of the entirety of the graft component.

15. The acrylic elastomer composition according to
claim 14, wherein the graft component of the
polyorganosiloxane-containing graft polymer (B) contains 0.5
25 to 50 percent by weight of n-butyl methacrylate as an

essential alkyl methacrylate component on the basis of the entirety of the graft component.

16. The acrylic elastomer composition according to
5 claim 13, wherein the graft component of the polyorganosiloxane-containing graft polymer (B) contains 0.5 to 10 percent by weight of methacrylic acid or acrylic acid on the basis of the entirety of the graft component.

10 17. The acrylic elastomer composition according to
claim 1 or 2, wherein the acrylic elastomer (A) comprises a mixture of acrylic block copolymers including an acrylic block copolymer (E-1) comprising an acrylic polymer block (a1) and a methacrylic polymer block (b), and an acrylic
15 block copolymer (E-2) comprising an acrylic polymer block (a2) different from the acrylic polymer block (a1) and the methacrylic polymer block (b), the acrylic block copolymer (E-1) having a low-temperature brittle temperature which is at least 5°C higher than that of the acrylic block copolymer
20 (E-2).

18. The acrylic elastomer composition according to any one of claims 1 to 17, further comprising 0.1 to 10 parts by weight of a lubricant, 0.1 to 100 parts by weight of an
25 inorganic filler, and 0.1 to 100 parts by weight of a

thermoplastic resin on the basis of 100 parts by weight of
the acrylic elastomer (A).

19. A molded product comprising the acrylic elastomer
5 composition according to any one of claims 1 to 18.

20. An automobile, electric or electronic part
comprising the molded product of the acrylic elastomer
composition according to claim 19.